

JC822 U.S. PTO
06/06/00

06-07-00

PTO/SB/05 (4/98)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No.

D22S3 CIP

First Inventor or Application Identifier

Kauffman

Title

Ingress Detection and Characterization
by Time/Frequency Map

Express Mail Label No.

EK 2010284755 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 21]
(preferred arrangement set forth below)
- Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 11]
4. Oath or Declaration [Total Pages 5]
- a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

***NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

5. Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
8. 37 C.F.R. § 3.73(b) Statement Power of
(when there is an assignee) Attorney
9. English Translation Document (if applicable)
10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. Small Entity Statement(s) Statement filed in prior application
(PTO/SB/09-12) Status still proper and desired
14. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. Other:

16. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. /

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or Correspondence address below

Name	Wendy W. Koba, Esq.		
Address	PO Box 556		
City	Springtown	State	PA
Country	United States of America	Telephone	610-346-7112
		Zip Code	18081
Fax	610-346-8189		

Name (Print/Type)	Wendy W. Koba, Esq.	Registration No. (Attorney/Agent)	30509
Signature	Wendy W. Koba		
	Date	6/6/00	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 910.00)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Kauffman
Examiner Name	
Group / Art Unit	
Attorney Docket No.	D 2253 CIP

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number [redacted]

Deposit Account Name [redacted]

 Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.172. Payment Enclosed: Check Money Order Other

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 Surcharge - late filing fee or oath	
127	50	227 Surcharge - late provisional filing fee or cover sheet	
139	130	139 Non-English specification	
147	2,520	147 2,520 For filing a request for reexamination	
112	920*	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 Extension for reply within first month	
116	380	216 Extension for reply within second month	
117	870	217 Extension for reply within third month	
118	1,360	218 Extension for reply within fourth month	
128	1,850	228 Extension for reply within fifth month	
119	300	219 Notice of Appeal	
120	300	220 Filing a brief in support of an appeal	
121	260	221 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 Petition to revive - unavoidable	
141	1,210	241 Petition to revive - unintentional	
142	1,210	242 Utility issue fee (or reissue)	
143	430	243 Design issue fee	
144	580	244 Plant issue fee	
122	130	122 Petitions to the Commissioner	
123	50	123 Petitions related to provisional applications	
126	240	126 Submission of Information Disclosure Stmt	
581	40	581 Recording each patent assignment per property (times number of properties)	
146	690	246 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	690	249 For each additional invention to be examined (37 CFR § 1.129(b))	
40.00			

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	690	201 Utility filing fee	690.00
106	310	206 Design filing fee	
107	480	207 Plant filing fee	
108	690	208 Reissue filing fee	
114	150	214 Provisional filing fee	
SUBTOTAL (1) (\$ 690.00)			

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
30	-20** = 10	x 18	= 180.00
Independent Claims 1	- 3** = 0	x 0	= 0
Multiple Dependent			

**or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	78	202 39 Independent claims in excess of 3
104	260	204 130 Multiple dependent claim, if not paid
109	78	209 39 ** Reissue independent claims over original patent
110	18	210 9 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$ 180.00)		

Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

SUBMITTED BY

Name (Print/Type)	Wendy W. Koba Esq.	Registration No. (Attorney/Agent)	30509	Telephone	601-346-7112
Signature	Wendy W. Koba		Date	6/6/00	

WARNING:

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EXPRESS MAIL
CERTIFICATE OF MAILING

1C856 U.S. POSTAL SERVICE
09/588587
06/06/00

Patent Application for:

Applicants: Marc W. Kauffman
William H. Blum
Peter Sherlock
Atty No: D 2253 CIP

Jay Strater
M. Lamine Sylla
Charles Eldering

Title: Ingress Detection and Characterization by
Time/Frequency Map

I hereby certify that this correspondence is being deposited with the United States
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Washington, D.C. 20231

On 6/6/00

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Type or Print name of person signing this certificate: Wendy W. Koba, Esq.

Signature: Wendy W. Koba